

INTERNATIONAL SEARCH REPORT

PCT/GB 02/03259

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D39/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 62616 A (TENNISON STEPHEN ROBERT ;LEIGH BENJAMIN DAVID (GB); MAT & SEPARATI) 9 December 1999 (1999-12-09) abstract; tables 1,3 page 3, line 10 - line 13 page 11, line 1 ---	1-5,9
X	US 3 611 678 A (HOLDEN HERBERT K) 12 October 1971 (1971-10-12)	1-4,9
A	column 3, line 40 - line 57; claim 1; figure 1; examples 1-18 ---	6
X	EP 0 745 416 A (CORNING INC) 4 December 1996 (1996-12-04) abstract; claim 3; figure 1; example 1 column 5, line 2 - line 18 column 6, line 16 - line 59 column 12, line 8 - line 14 ---	1,2,5,6, 9
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

25 November 2002

Date of mailing of the international search report

02/12/2002

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 628 819 A (MESTEMAKER JERALD L ET AL) 13 May 1997 (1997-05-13) column 4, line 19 - line 64; figure 2B ---	1,2,5,7, 9
X	EP 0 626 199 A (BRITISH PETROLEUM CO PLC) 30 November 1994 (1994-11-30) page 3, line 6 -page 5, line 2 ---	1,6,9
X	US 5 827 355 A (WILSON KIRK A ET AL) 27 October 1998 (1998-10-27) column 5, line 52 - line 60; figure 1 column 6, line 1 - line 30 ---	1,9
A	GB 1 330 296 A (COAL INDUSTRY PATENTS LTD) 12 September 1973 (1973-09-12) page 1, line 82 - line 85; claim 1 ---	6
A	EP 0 585 016 A (BRITISH PETROLEUM CO PLC) 2 March 1994 (1994-03-02) abstract -----	6

INTERNATIONAL SEARCH REPORT
information on patent family members

PCT/GB 02/03259

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9962616	A	09-12-1999	AU 4517699 A WO 9962616 A1	20-12-1999 09-12-1999
US 3611678	A	12-10-1971	NONE	
EP 0745416	A	04-12-1996	EP 0745416 A2 JP 8332330 A US 5750026 A	04-12-1996 17-12-1996 12-05-1998
US 5628819	A	13-05-1997	WO 9726068 A1	24-07-1997
EP 0626199	A	30-11-1994	EP 0626199 A2 JP 7048112 A	30-11-1994 21-02-1995
US 5827355	A	27-10-1998	WO 0024498 A1 AU 1200299 A AU 742961 B2 EP 1137476 A1	04-05-2000 15-05-2000 17-01-2002 04-10-2001
GB 1330296	A	12-09-1973	NONE	
EP 0585016	A	02-03-1994	EP 0585016 A1 JP 6271702 A US 5456868 A	02-03-1994 27-09-1994 10-10-1995